Philips Cineos
digital widescreen flat TV
with Pixel Plus 2 HD and
Ambilight 2 channel

42"

LCD integrated digital

CINEOS

42PF9641D

Turn up your viewing experience

with Pixel Plus 2 HD and Ambilight 2

Enjoy the ultimate viewing experience of this Philips Cineos Flat TV with Pixel Plus 2 HD, Ambilight 2, the latest LCD technology and table top stand. The Digital Media Reader via USB gives you full access to multimedia content.

Immersive viewing experience

- HD LCD WXGA display, with a 1366 x 768p resolution
- Enjoy HDTV that's truer than anything you've seen before
- Pixel Plus 2 HD for great details, depth and clarity
- Dynamic contrast enhancer delivering rich black details
- 2-channel active Ambilight enhances the viewing experience

Unrivalled audio performance

- Virtual Dolby Digital for a true life audio experience

True beauty lies in the details

- Matching stand with elegant design included

Perfect picture quality from your digital photos

- USB Connector for easy, instant multimedia playing

For advanced performance

- 2 HDMI inputs for full digital HD connection in one cable

PHILIPS

sense and simplicity

Digital widescreen flat TV with Pixel Plus 2 HD and Ambilight 2 channel
42" LCD integrated digital

42PF9641D/79

Specifications

Picture/Display
- Aspect ratio: 16:9
- Brightness: 550 cd/m²
- Contrast ratio (typical): 800
- Dynamic screen contrast: 4000:1
- Response time (typical): 8 ms
- Viewing angle: 176° (H) / 176° (V)
- Diagonal screen size: 42 inch / 107 cm
- Display screen type: LCD WXGA Active Matrix TFT
- Panel resolution: 1366 x 768p
- Picture enhancement: Pixel Plus 2 HD, 3D Combfilter, Active Control + Light sensor, Digital Crystal Clear, Digital Natural Motion, Dynamic contrast enhancement, Jagged Line Suppression, Progressive Scan, Pulse Killer Chip, Widescreen Plus
- Screen enhancement: Anti ageing circuit, Anti-Reflection coated screen

Ambilight
- Ambilight Features: Ambilight 2 Channel, Auto adaptive to video content, Efficient low energy lamp, Full operation in stand-by
- Color Settings: Full Multi Color
- Dimming Function: Manual and via Light Sensor
- Preset modes: 4 Active Adaptive modes

Supported Display Resolution
- Computer formats

Resolution	Refresh rate
640 x 480	60Hz
800 x 600	60Hz
1024 x 768	60Hz

- Video Formats

Resolution	Refresh rate
640 x 480i	1Fh
640 x 480p	2Fh
720 x 576i	1Fh
720 x 576p	2Fh
1280 x 720p	3Fh
1920 x 1080i	2Fh

Sound
- Output power (RMS): 2x15W
- Sound Enhancement: Digital Signal Processing, Dynamic Bass Enhancement, Graphic Equaliser
- Sound System: Virtual Dolby Digital

Loudspeakers
- Built-in speakers: 4
- Loudspeaker types: Integrated woofers with wOOx, Dome tweeter

Convenience
- Child Protection: Child Lock+Parental Control
- Clock: Smart Clock
- Ease of Installation: Auto Program Naming, Automatic Channel Install(ACI), Automatic Tuning System (ATS), Autostore, PLL Digital Tuning, Plug & Play
- Ease of Use: 4 favorite lists, Auto Volume Leveller (AVL), Delta Volume per preset, Graphical User Interface, On Screen Display, Program List, Side Control
- Picture in Picture: Text dual screen
- Remote Control: Aux, DVD, STB (Set-Top Box), VCR
- Remote control type: RC4401
- Screen Format Adjustments: 4:3, 6 Widescreen Modes, Auto Format, Movie expand 14:9, Movie expand 16:9, Subtitle and Heading Shift, Super Zoom, Widescreen
- Teletext: 1200 page Hypertext
- Teletext enhancements: Habit Watch, Program information Line
- VESA Mount: Vesa compliant

Multimedia Applications
- Digital Content Management: Digital Media Reader
- Multimedia connections: USB (streaming video capable)
- Playback Formats: MP3, Slideshow files (.alb), JPEG Still pictures, MPEG2

Tuner/Reception/Transmission
- Aerial Input: 75 ohm coaxial (IEC75)
- TV system: NTSC, PAL I, PAL B/G, PAL D/K, SECAM B/G, SECAM D/K, DVB COFDM 2K/8K
- Video Playback: NTSC, SECAM, PAL
- DVB: DVB Terrestrial *
- Tuner bands: Hyperband, S-Channel, UHF, VHF

Connectivity
- Ext 1 Scart: Audio L/R, CVBS in/out, RGB
- Ext 2 Scart: Audio L/R, CVBS in/out, RGB
- Ext 3: VGA-in (5x cinch RGB+H/V), YPbPr, Audio L/R in
- Ext 4: HDMI
- Ext 5: HDMI
- Front / Side connections: Audio L/R in, CVBS in, Headphone out, S-video in, USB
- Other connections: Analog audio Left/Right out, PC-In VGA, S/PDIF in (coaxial), S/PDIF out (coaxial), Common Interface

Power
- Ambient temperature: 5 °C to 40 °C
- Mains power: AC 110 - 240 V +/- 10%
- Power consumption: 248 W
- Standby power consumption: 0.8W

Dimensions
- Set dimensions (W x H x D): 1095 x 764 x 114 mm
- Set dimensions with stand (H x D): 824 x 290 mm
- Weight incl. Packaging: 59 kg
- Color cabinet: High Gloss Black
- VESA wall mount compatible: 800 x 400 mm

Accessories
- Included Accessories: Table top stand, Wall mounting bracket, RF antenna cable
- Optional accessories: Floor stand

Product highlights

LCD WXGA display, 1366 x 768p
This WXGA display with state-of-the-art LCD screen technology gives you widescreen HD resolution of 1366 x 768p pixels. It produces brilliant flicker-free progressive scan pictures with optimum brightness and superb colors. This vibrant and sharp image will provide you with an enhanced viewing experience.

HDTV
HDTV delivers exceptional picture quality and real movie-viewing experience that makes television more dynamic, truer than anything you've seen before. It is the latest and best television signal available. It features picture quality more than twice that of traditional analog broadcasts. In order to effectively maximize the HDTV signal, a television must incorporate advanced signal input connectivity and circuitry design.

Pixel Plus 2 HD
Pixel Plus 2 HD offers the unique combination of ultimate sharpness, natural detail, increased depth, vivid colors and smooth and natural motion from standard TV, High Definition signals and multimedia sources. Each pixel of the incoming picture is enhanced to better match the surrounding pixels, resulting in a more natural picture. Artifacts in compressed multimedia content are detected and reduced, ensuring that the picture is clean and razor sharp. Digital noise reduction ensures that the picture is perfectly smooth yet razor sharp.

Ambilight 2 channel
Ambilight makes an impressive contribution to the overall viewing experience by producing ambient light to complement the colors and light intensity of the on-screen image. It adds a new dimension to the viewing experience, completely immersing you into the content you are watching. It creates ambiance, stimulates more relaxed viewing, and improves perceived picture detail, contrast and color. Ambilight automatically and independently adapts its colors according to the changing content on the screen.

Virtual Dolby Digital
Virtual Dolby Digital is a processing technology for enhancing surround sound effects. It will create the sensation of Dolby Pro Logic without the necessity of additional rear speakers. You become totally immersed in your television experience.

USB Multimedia Connector
The USB connector allows access to multimedia jpg, mp3 and alb files of most USB-sticks and most digital cameras (USB 1.1 memory-class device). Plug the USB into the slot at the side of the TV and access your photos or music files. This makes you easily viewing and sharing your photos and music.

2 HDMI inputs
HDMI makes an uncompressed digital RGB connection from the source to the screen. By eliminating conversion to an analog signal, it delivers an unblemished image. The non-degraded signal reduces flicker and leads to a clearer picture. HDMI intelligently communicates the highest output resolution with the source device. The HDMI input is fully backward compatible with DVI sources but includes digital audio. HDMI uses HDCP copy protection. With 2 HDMI inputs you can connect multiple HD sources, for instance an HD settop box, and a Blu-ray player. Your TV is fully prepared for the HD future.

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